

High Abrasion Resistance Fireclay Refractory Brick For Furnace With Glazed Coated Construction

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: SK-30, SK-32, SK-34, SK-35
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons /month



Product Specification

- Fe₂O₃ Content: ≤2%
- Usage: Exterior/Interior
- Uv Resistance: High
- High Refractoriness: 1680°C
- Load Softening Temperature: 1250-1450 Degrees Celsius
- Chemical Resistance: High
- Moisture Resistance: High
- Thermal Conductivity: ≤1.5W/m·K

Product Description

Product Description:

One of the key characteristics of fireclay bricks is their low thermal conductivity. With a thermal conductivity of $\leq 1.5\text{W/m}\cdot\text{K}$, fireclay bricks are able to insulate against heat transfer, making them ideal for use in environments where high temperatures are present. Additionally, fireclay bricks have a small thermal expansion coefficient, which also helps to reduce the risk of cracking and other forms of damage in high-temperature environments.

Another important attribute of fireclay bricks is their high compressive strength. With a compressive strength of $\geq 50\text{MPa}$, these bricks are able to withstand a significant amount of pressure, making them ideal for use in applications where high loads are present. This strength is due in part to the high-quality clay used in the production of fireclay bricks, which is carefully selected to ensure maximum durability and resistance to wear and tear.

In addition to their high thermal conductivity and compressive strength, fireclay bricks also have a high refractoriness, with a melting point of up to 1680°C . This makes them ideal for use in high-temperature environments, such as kilns, furnaces, and other industrial applications where extreme heat is present.

Finally, fireclay bricks are known for their high-quality surface finish, which is typically glazed to provide additional protection against wear and tear. This glaze helps to protect the surface of the brick from damage, allowing it to withstand the harsh conditions of industrial environments for longer periods of time.

In summary, fireclay bricks are a high-quality, durable, and versatile building material that is ideal for use in a variety of industrial applications. With their low thermal conductivity, high compressive strength, high refractoriness, and high-quality surface finish, fireclay bricks are the perfect choice for any project that requires a strong, durable, and long-lasting building material.

Features:

Product Name: Fireclay Brick

Strong Slag Resistance: Chemical resistance, acid resistance is greater than alkali resistance

Heat Resistance: Excellent

Load Softening Temperature: $1250\text{-}1450$ degrees Celsius

Thermal Shock Resistance: ≥ 20 Times

Uv Resistance: High

This refractory fire clay product, also known as refractory clay bricks, has excellent heat resistance and strong slag resistance, with chemical and acid resistance greater than alkali resistance. Its load softening temperature ranges from 1250 to 1450 degrees Celsius, and it has a thermal shock resistance of at least 20 times. Additionally, it has a high UV resistance, making it a great choice for a refractory brick furnace.

Technical Parameters:

Frost Resistance	Good
Flexural Strength	High
Crushing Strength	$\geq 30\text{MPa}$
Moisture Resistance	High
Thermal Shock Resistance	≥ 20 Times
Fe_2O_3 Content	$\leq 2\%$
Usage	Exterior/Interior
Surface Finish	Glazed
Unit Weight	3.6kg
Thermal Conductivity	$\leq 1.5\text{W/m}\cdot\text{K}$

This Fireclay Brick product is commonly used in clay brick furnaces, refractory brick furnaces, and fire brick kilns.

Applications:

These fireclay bricks are highly abrasion-resistant and chemically resistant, making them ideal for use in high-temperature environments like kilns, furnaces, and fireplaces. They are also highly moisture-resistant, which makes them suitable for use in areas with high humidity levels. Their good frost resistance is an added advantage.

Their high abrasion resistance makes them perfect for use in heavy industrial applications like steel mills, foundries, and chemical plants. Their chemical resistance makes them ideal for use in the chemical and petrochemical industries. They are also used in the construction industry for lining chimneys, fireplaces, and ovens.

The Fireclay Brick product from Rongsheng Xinwei is available for purchase in minimum quantities of 1 ton and is priced between $200\text{-}800$ USD, depending on the model. Payment terms for these products include TT and L/C. They have a supply ability of 2000 tons per month, and delivery time is between $10\text{-}20$ days.

The bricks are packaged on wooden pallets and covered with waterproof material to protect them from moisture. They are tightened with plastic or steel bandages to prevent them from moving during transportation. The Fe₂O₃ content in these bricks is less than or equal to 2%.

Overall, the Fireclay Brick product from Rongsheng Xinwei is a high-quality, durable, and versatile product that is suitable for a wide range of industrial applications. Its high resistance to abrasion, chemicals, and moisture make it a perfect fit for high-temperature environments like kilns and furnaces.

Support and Services:

Our Fireclay Brick product comes with technical support and services to ensure the best performance and longevity. Our team of experts is available to provide guidance on installation, maintenance, and troubleshooting. We also offer customized solutions to meet specific project requirements. Our services include:

- Technical consulting
- Product training
- On-site support
- Product testing and analysis
- Customized product development

We are committed to providing the highest level of support and service to our customers to ensure their satisfaction with our products. Contact us for more information on our technical support and services.

Packing and Shipping:

Product Packaging:

- Fireclay bricks are packed in wooden pallets and covered with plastic film to prevent damage during transportation.
- Each pallet contains 500 bricks.
- The dimensions of each pallet are 1.0 x 1.0 x 1.2 meters.

Shipping:

- Fireclay bricks are shipped via sea or land freight.
- Shipping costs will vary depending on the destination and quantity of bricks ordered.
- Customers will be provided with a shipping quote prior to placing their order.

FAQ:

Q: What is the brand name of the Fireclay Brick product?

A: The brand name of the Fireclay Brick product is Rongsheng Xinwei.

Q: What are the different models available for the Fireclay Brick product?

A: The available models for the Fireclay Brick product are SK-30, SK-32, SK-34, and SK-35.

Q: Does the Fireclay Brick product have any certification?

A: Yes, the Fireclay Brick product has ISO certification.

Q: Where is the Fireclay Brick product made?

A: The Fireclay Brick product is made in Zhengzhou, Henan, China.

Q: What is the minimum order quantity for the Fireclay Brick product?

A: The minimum order quantity for the Fireclay Brick product is 1 ton.

Q: What is the price range for the Fireclay Brick product?

A: The price range for the Fireclay Brick product is between 200-800 USD.

Q: What are the payment terms for the Fireclay Brick product?

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Q: What is the supply ability for the Fireclay Brick product?

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Q: How is the Fireclay Brick product packaged?

A: The Fireclay Brick product is packed on wooden pallets, with a water-proof cover, and tightened with plastic/steel bandages.



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